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Plant breeding abstracts

COMMONWEALTH BUREAU OF PLANT BREEDING AND GENETICS

Department of Applied Biology,
Cambridge, CB2 3DX, U.K.

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Key to symbols for languages

Af	Afrikaans	En	English	Ja	Japanese	Ro	Rumanian (Românesc)
Al	Albanian	Eo	Esperanto	Ko	Korean	Ru	Russian
Ar	Arabic	Es	Spanish (Español)	La	Latin	Sh	Serbo-croat (in either script)
Be	White Russian (Belorusskiĭ)	Fi	Finnish	Li	Lithuanian	Sk	Slovak
Bg	Bulgarian	Fr	French	Lv	Latvian	Sn	Slovene
Ch	Chinese	Gr	Greek	Ma	Macedonian	Sr	Serbian (Serbo-croat in Cyrillic script)
Cr	Croat (Serbo-croat in Latin script)	He	Hebrew	Nl	Dutch or Flemish (Nederlands)	Sv	Swedish (Svensk)
Cs	Czech (Český)	Hu	Hungarian	No	Norwegian	Tr	Turkish
Da	Danish	Ia	Interlingua	Pe	Persian	Uk	Ukrainian
De	German (Deutsch)	In	Indonesian	Pl	Polish		
Ee	Estonian (Eesti)	Is	Icelandic (Íslenzk)	Pt	Portuguese		
		It	Italian				

PLANT BREEDING ABSTRACTS

Volume 46

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ERRATA

(lines are counted from the beginning of the bibliographic data in each item.)

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Page	*Abstract*	*Line*	
2	22	7	for '*Gracilis*' read 'Gracilis'
8	104	4	for 'Kwang tung' read 'Kwangtung'
8	104	6	for 'ai-Tze-Tzang' read 'Ai-Tze-Tzang'
9	126	22	for 'Vattines' read 'Wattignies'
13	170	8	for '*Aergilups*' read '*Aegilops*'
16	215	5	for '*duram*' read '*durum*'
19	249	11	for '*boeticum*' read '*boeoticum*'
19	249	19,20	for '*umbellata*' read '*umbellulata*'
20	265	5	for '*Výrota*' read '*Výroba*'
23	294	11	for '*O*' read '*Q*'
23	297	6	for '*Lucrari*' read '*Lucrări*'
23	300	10	for '*zhukovski*' read '*zhukovskyi*'
24	313	8	for '*damescena*' read '*damascena*'
24	313	9	for '*Pilosa*' read 'pilosa'
24	313	10	for '*Wiestii*' read '*wiestii*'
26	329	4	for '*Lucrari*' read '*Lucrări*'
31	389	10	for '*zeae*' read '*zea*'
32	396	14	for '*Hordeum nigrescum furcatum*' read 'Nigrescum furcatum'
33	411	14	for 'the' read 'with'
33	417	3	for '*Nagaku*' read '*Nogaku*'
35	432	4	for 'Barraul' read 'Barnaul'
37	453	10	for '*lp*,' read 'lp_1'
45	550	2	for '**Testina**' read '**Testing**'
48	585	3	for '***Meloidogyna***' read '***Meloidogyne***'
49	604	6	for '*Nicotianae*' read '*nicotianae*'
50	609	7	for '*langsdorfii*' read '*langsdorffii*'
52	637	8,10	for '*helianthii*' read '*helianthi*'
52	637	8	for 'Plasmopara halstedii' read '*Plasmopara halstedii*'
53	654	6	delete comma
54	665	9	for 'carenolide' read 'cardenolide'
56	701	10	for 'i' read 'I'
57	704	7	for 'titrable' read 'titratable'
57	707	6	for '*N*-nitroso-*N*-methylurae' read '*N*-nitroso-*N*-methylurea'
57	715	4	for '*Lucrari*' read '*Lucrări*'
58	721	4	for '*Lucrari*' read '*Lucrări*'
58	723	5	for '*Lucrari*' read '*Lucrări*'
58	725	1	for 'Vertsy' read 'Vertesy'
58	731	7	for 'kinnow' read 'Kinnow'
64	806	12	for '*Jackii*' read '*jackii*'
65	820	4	for 'influence' read 'influences'
70	885	5	for 'trädgo̊rdsvetenskap' read 'trädgårdsvetenskap'
71	893	2	for '**organizaer**' read '**organizer**'
72	901	11	for '*Juncea*' read '*juncea*'
73	918	7	after 'seven' insert 'days'
74	927	7	after 'six' insert 'tomato'
74	931	5	for '*Lucrari*' read '*Lucrări*'
77	968	5	for 'pf' read 'of'
77	970	4	for 'Racas' read 'Raças'
80	1009	19	after '*polygoni*' insert comma
85	1067	10	for '*caritana*' read '*carinata*'
86	1072	2	for '*subsericae*' read '*subsericea*'
90	1148	1	for 'Aahploidy' read 'Haploidy'
90	1154	3	for '*verucosum*' read '*verrucosum*'
95	1215	7	for '*umbellata*' read '*umbellulata*'
96	1220	2	for '***Aegliops***' read '***Aegilops***'
103	1306	9,14,15	for 'spp.' read 'ssp.'
103	1306	14	for '*eucomsa*' read '*eucomosa*'
103	1306	18	for 'intraspecific' read 'infraspecific'
106	1334	3	for '**Imsretinskii**' read '**Imeretinskii**'
107	1343	9	for 'rearrangements!' read 'rearrangements:'
111	1387	8	for '*turicum*' read '*turcicum*'
121	1514	1	for '**Alafla**' read '**Alfalfa**'

Page	*Abstract*	*Line*	
122	1527	21	for 'seeds' read 'seed'
122	1527	25	for '*alexandinum*' read '*alexandrinum*'
126	1577	17	for 'susceptible' read 'resistant'
130	1615	8	for 'esculentus' read '*esculentus*'
133	1657	4	for 'd'd'engrais' read 'd'engrais'
133	1660	5	for '*Nicotina*' read '*Nicotiana*'
134	1665	6	delete comma
136	1669	5	for 'wheras' read 'whereas'
138	1715	4,8	for '*annum*' read '*annuum*'
138	1718	1	for 'Mathé' read 'Máthé'
138	1721	9	for '*prunfifolia*' read '*prunifolia*'
148	1851	4	for 'fasicles' read 'fascicles'
153	1923	14	for '*Lycopersion*' read '*Lycopersicon*'
153	1928	11,14	for 'TAA' read 'TTA'
156	1952	9	for '*zeae*' read '*zea*'
157	1964	7	for '*Melanagremyza*' read '*Melanagromyza*'
158	1981	2	for '***phaeseoli***' read '***phaseoli***'
160	2009	1	for '**privisional**' read '**provisional**'
165	2032	1	for '**Poolymorphism**' read '**Polymorphism**'
175	2191	2	for '***Ttriticum***' read '***Triticum***'
182	2236	8	for '*timopheevi*' read '*timopheevii*'
185	2273	7	for 'Ovrora' read 'Avrora'
188	2301	7	for '*Strigosa*' read '*strigosa*'
190	2316	4	for '*Sitrotroga*' read '*Sitotroga*'
198	2409	4	for '*2Induced*' read '*Induced*'
199	2420	11	for '*granium*' read '*graminum*'
199	2427	2	for '**Moonvh**' read '**Moench**'
206	2507	21	for '*arundiaacea*' read '*arundinacea*'
211	2555	19	for '*ruiz-ceballosi*' read '*ruiz-ceballosii*'
212	2510	10	for '*ruiz-ceballasii*' read '*ruiz-ceballosii*'
214	2576	7	for '*caterthrum*' read '*catarthrum*'
218	2636	4	for '*Tsitologuya*' read '*Tsitologiya*'
218	2637	5	for '*sucriéres*' read '*sucrières*'
225	2717	9	for '*officianalis*' read '*officinalis*'
228	2757	9	for '*Altenaria*' read '*Alternaria*'
229	2767	10	for 'Hercegonina' read 'Hercegovina'
231	2789	7	for 'than' read 'then'
232	2794	6	for '*gaujava*' read '*guajava*'
233	2894	9	for '*Pseudopeziz*' read '*Pseudopeziza*'
235	2830	8	for '*deodora*' read '*deodara*'
238	2867	13	after '*Abies*' delete comma
240	2902	7	for '*Výzkumý*' read '*Výzkumný*'
241	2912	6	after '[May]' insert comma
247	2989	5	for 'Blattlans' read 'Blattlaus'
247	2989	14	for 'races' read 'race'
248	2996	15	for '*fuascans*' read '*fuscans*'
249	3007	3	for '*Scence*' read '*Science*'
249	3007	5	for 'heterogenous' read 'heterogeneous'
250	3020	11-12	delete 'one out of three leaf and stipule mutants,'
258	3091	11	for '*typhoids*' read '*typhoides*'
258	3097	12	for '*Akternaria*' read '*Alternaria*'
261	3125	6	for 'had' read 'has'
261	3125	6	for 'Maxican' read 'Mexican'
263	3156	7	for '*diococcum*' read '*dicoccum*'
263	3157	6	for '*umbellata*' read '*umbellulata*'
264	3168	4	for '*ikhim.*' read '*i khim.*'
286	3417	1	for 'CENTI' read 'CENCI'
295	3519	10	for 'spp.' read 'ssp.'
304	3626	2	for '***zingiber***' read '***Zingiber***'
305	3644	4	for '*armenaica*' read '*armeniaca*'
308	3675	3	for '*mizhvid.*' read '*mīzhvīd.*'
308	3677	6	for '*nume*' read '*mume*'
308	3684	4	for '*Ortofluorofrutticoltura*' read '*Ortoflorofrutticoltura*'
317	3801	8	for '*payrifera*' read '*papyrifera*'
319	3816	8	for '*Sylvestris*' read '*sylvestris*'
321	3850	2	for '**Cucurbitacae**' read '**Cucurbitaceae**'
332	3954	1	for '**Quantative**' read '**Quantitative**'
334	3979	3	for 'Hudolf' read 'Rudolf'

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335	4001	56	for '*Graminis*' read '*graminis*'
336	4006	3	for '*Annals*' read '*Annales*'
336	4010	8	for '*Brachiarica*' read '*Brachiaria*'
337	4024	2	for 'INVESTIGICIONES' read 'INVESTIGACIONES'
339	4048	2	for '**specific**' read '**nonspecific**'
341	4066	1	for '**breed**' read '**bread**'
342	4081	8	for '*Striiformis*' read '*striiformis*'
343	4091	2	for '*Planzenzüchtung*' read '*Pflanzenzüchtung*'
344	4101	4	for '*Planzenzüchtung*' read '*Pflanzenzüchtung*'
348	4141	12	for 'kavkaz' read 'Kavkaz'
359	4257	1	delete 'Shin-Chi Chang; Ming-I Twu; Pi-Lian Chan'
361	4287	2	delete 'aa'
363	4297	15	for 'barley' read 'wheat'
377	4455	9	for 'Kar'kov' read 'Khar'kov'
378	4471	8	for '*Hetrodera*' read '*Heterodera*'
384	4541	5	for '*Corticum*' read '*Corticium*'
384	4542	7	for '*cochliodes*' read '*cochlioides*'
385	4550	27	for '*langsdorfii*' read '*langsdorffii*'
385	4554	6	for '*langsdorfii*' read '*langsdorffii*'
386	4560	5	for 'Müchen' read 'München'
386	4564	11	delete '>>>>>>>>'
387	4579	3	for 'Planterisistens' read 'Planteresistens'
391	4616	2	for '**autoplyploidy**' read '**autopolyploidy**'
392	4633	4	for 'fastigata' read 'fastigiata'
394	4656	3	for '**thickness**' read '**sickness**'
397	4866	2	for '***nicotinae***' read '***nicotianae***'
397	4866	4	for '*nicotinae*' read '*nicotianae*'
402	4756	6	for 'pollination' read 'pollution'
412	4882	6	for 'Black-eyes' read 'Black-eyed'
414	4903	36	for 'prodce' read 'produce'
414	4903	42	for 'tiploidy' read 'triploidy'
422	5004	5	for 'Süchtungsforsching' read 'Züchtungsforschung'
432	5110	3	for 'Avaliačão' read 'Avaliação'
434	5132	1	for 'Schrwardz' read 'Schwartz'
477	5655	10	for '*eleagrifolia*' read '*elaeagnifolia*'
481	5699	11	for '*Tetramychus*' read '*Tetranychus*'
491	5828	1	for 'Oswa' read 'Osawa'
492	5843	2	for 'combinging' read 'combining'
493	5863	12	for 'Marinadyně' read 'Marinadnyĭ'
508	6030	13	for '*monocuccum*' read '*monococcum*'
531	6297	2	for '***bicolour***' read '***bicolor***'
552	6552	7	for 'F^1' read 'F_1'
572	6769	10	for '*polyadenum*' read '*polyadenium*'
574	6801	7	delete '*Integrifol;*'
574	6802	7	for 'Múller' read 'Müller'
577	6848	6	for 'Zeměděelské' read 'Zemědělské'
577	6851	13	for '*Leucurum*' read '*leucurum*'
580	6881	7	for '*timopheevi*' read '*timopheevii*'
582	6902	7	for 'thg' read 'the'
584	6921	5	for '*Anelele*' read '*Analele*'
588	6959	10	for 'Vengenka' read 'Vengerka'
588	6963	10	for '*F F*' read '*F*'
591	6987	10	for '*Cochlioholus*' read '*Cochliobolus*'
592	7000	9	for '*Hl*' read '*H.*'
592	7004	10	for '*Diploidia*' read '*Diplodia*'
593	7012	7	for '*zeae*' read '*zea*'
593	7015	10	for '*Rhyncosporium*' read '*Rhynchosporium*'
593	7018	9	for '*Oscinellafrit*' read '*Oscinella frit*'
597	7064	5	delete 'fromax4xX'
600	7093	7	for '*penicilliarae*' read '*penicillariae*'
600	7097	11	for 'MartonvásaAr' read 'Martonvásár'
601	7104	14	delete '[Durra 2-fruited]'
602	7121	8	for '*latifoliana*' read '*latifolia*'
604	7149	9	for '*Trichometaspaeria*' read '*Trichometasphaeria*'
605	7165	12	for '*cincteceps*' read '*cincticeps*'
606	7168	8	for '*virenscens*' read '*virescens*'
609	7201	11	for '*Herbarum*' read '*herbarum*'
610	7218	12	for '*tanaeteca*' read '*tanaitica*'

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611	7220	7	for '*engustifolius*' read '*angustifolius*'
613	7250	6	after '*Transaequitorialia*' insert comma
615	7266	1	for 'Republique' read 'République'
617	7300	7	for '*crepetans*' read '*crepitans*'
617	7300	26	for '*crepatans*' read '*crepitans*'
619	7322	5	for '*Collotetrichum*' read '*Colletotrichum*'
626	7393	3	for '***annum***' read '***annuum***'
628	7431	7	for 'percentage' read 'parentage'
629	7448	12	for '*ussuretrinsis*' read '*ussuriensis*'
633	7490	2	for '*Sadīivnitstvo*' read '*Sadīvnitstvo*'
634	7512	6	for '? Greek' read '? Creek'
644	7626	8	for 'connotations' read 'connations'
646	7654	17	for '$Tm2_a$' read '$Tm2^a$'
646	7656	7	for 'spp.' read 'ssp.'
647	7658	8	for '*Lepidum*' read '*Lepidium*'
648	7670	4	for '*Schweizerischen*' read '*Schweizerische*'
648	7670	12	for 'flower' read 'flowers'
648	7677	9	for 'C_{BS}' read 'C^{BS}'
648	7677	12	for 'C_B^S' read 'C^{BS}'
656	7759	6	for '*cepillaris*' read '*capillaris*'
658	7780	2	for '*hunilis*' read '*humilis*'
659	7801	3	for 'Biphysical' read 'Biophysical'
665	7876	16	for 'Bezostaja' read 'Bezostaya'
665	7878	10	for '*fulginosum*' read '*fuliginosum*'
667	7899	3	for '*Élièves*' read '*Élèves*'
669	7919	3-4	for '**f sp. *Tritici***' read '**f. sp. *tritici***'
675	7991	4	for '***Furasium***' read '***Fusarium***'
683	8075	8	for 'systems' read 'symptoms'
684	8085	3	for 'Estacao' read 'Estação'
684	8088	11	for '*cincticepts*' read '*cincticeps*'
688	8133	11	for '*Ehizoctonia*' read '*Rhizoctonia*'
689	8146	2	for 'Koutoffelkrebs' read 'Kartoffelkrebs'
690	8157	2	for '***Impomoea***' read '***Ipomoea***'
690	8157	6	delete '∞'
695	8216		transfer to LEGUMINOUS FORAGE CROPS section, pp. 687-688
696	8237	1	for '**embryogensis**' read '**embryogenesis**'
699	8269	3	for '*Lanata*' read '*lanata*'
701	8305	6	for 'Jonathon' read 'Jonathan'
702	8312	2	delete '==='
706	8370	2	for '***humali***' read '***humuli***'
711	8429	2	for 'Sitologia' read 'Tsitologia'
711	8433	16	for 'clinical' read 'clinal'
716	8485	9,16	for 'Grey' read 'Gray'
721	8548	6	for 'Fflanzenbau' read 'Pflanzenbau'
722	8562	9	for 'heterogenous' read 'heterogeneous'
729	8637	5	for 'Adh^{S}_{1B}' read '$Adh_{1B}{}^{S}$'
734	8686	7	for '*I*' read '*T*'
736	8709	17	for '*cercospora*' read '*Cercospora*'
737	8716	12	after '*Nicotiana*' insert comma
738	8732	1	for 'ROCBBELEN' read 'RÖBBELEN'
734	8814	8	for 'diltelosomics' read 'ditelosomics'
734	8814	18	for 'lAA' read 'IAA'
749	8864	10	for '*speltioides*' read '*speltoides*'
751	8889	5	after 'earliness' insert comma
758	8957	6	for 'preseneted' read 'presented'
758	8957	9	delete 'or conditions'
758	8964	10,13	for 'Ketsoras' read 'Ketsoros'
764	9023	8	for '*Drechslera*' read '*Trichometasphaeria*'
767	9064	15	for '*U. rochloa*' read '*Urochloa*'
768	9077	7	after 'crops' insert 'and'
769	9087	9	for '*angusifolium*' read '*angustifolium*'
773	9126	12	for 'Epoke' read 'Epoka'
776	9162	1	delete 'In'
776	6169	1	delete 'In'
786	9282	9,12	for '*langsdorfii*' read '*langsdorffii*'
786	9288	3	for 'Nikotingehalf' read 'Nikotingehalt'
789	9318	7	for '*compestris*' read '*campestris*'
793	9390	1	for 'D'bov' read 'D''bov'

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794	9405	3	for 'Balcescu' read 'Bălcescu'
797	9444	7	for 'inflorescenes' read 'inflorescences'
802	9512	2	for '***Eucalypus***' read '***Eucalyptus***'
805	9537	19	for 'delta^3' read 'Δ^3'
807	9563	4	for 'functional' read 'functionally'
808	9573	8	for 'Grey' read 'Gray'
816	9675	6	delete '^{5} 1==='
819	9702	9	for '*frumentaceous*' read '*frumentaceus*'
798	9982	6-7	Delete '*Hordeum*; chemicals, mutagenic effects; ethyl methanesulphonatevarieties'
855	10102		transfer to OATS section, pp. 844-845
855	10104	5	for 'Gersten-und' read 'Gersten- und'
856	10123	2	for '**potosynthesis**' read '**photosynthesis**'
857	10133	11	for '*Nilaparrvata*' read '*Nilaparvata*'
863	10203	14	for '*Sandwicense*' read '*sandwicense*'
864	10213	4	for '*Hecord*' read '*Record*'
870	10276	7	for '*commerconii*' read '*commersonii*'
870	10276	9	for '*cararthrum*' read '*catarthrum*'
870	10279	16	for '*spegazzini*' read 'spegazzinii'
876	10343	24	for 'population' read 'populations'
876	10350	3	for '***Cerocospora***' read '***Cercospora***'
878	10375	2	for '***Theobrama***' read '***Theobroma***'
882	10431	1	for '**Cytoembriological**' read '**Cytoembryological**'
883	10439	1	for 'Streiberg' read 'Streitberg'
885	10462	5	after 'of' insert 'a'
886	10476	6	after '*C*' insert comma
886	10481	4	for 'Agric,' read 'Agric.'
886	10484	3	for 'nuclelares' read 'nucelares'
887	10497	8	for 'harmaphrodite' read 'hermaphrodite'
887	10498	3	for '*Indin*' read '*Indian*'
889	10518	10	for '*fargariae*' read '*fragariae*'
890	10539	10	for 'with the exception of' read 'while'
890	10539	11	delete comma and 'which'
890	10543	7	for 'var. *dua*' read 'vars. *dura*'
893	10579	7	for '*Crumenopsis*' read '*Crumenulopsis*'
895	10609	2	for '***radicola***' read '***radicula***'
895	10612	13	for 'in' read 'is'
896	10621	3	for 'généologique' read 'généalogique'
896	10621	5	for '*agronmiques*' read '*agronomiques*'
897	10633	7	for '*Citrulus*' read '*Citrullus*'
901	10682	29	after 'envisaged' insert colon
901	10682	29	for 'Ecudador' read 'Ecuador'
902	10688	10	after 'Moneymaker' insert comma
902	10690	3	for 'sn' read 'Sn'
902	10696	4	for '*Virna*' read '*Vigna*'
903	10706	12	for '*vulgarus*' read '*vulgaris*'
904	10707	6	for '*Colletrochum*' read '*Colletotrichum*'
904	10710	8	for 'kRγ' read 'kR γ'
907	10745	21	for '*af.*' read '*af,*'
907	10751	7	for '*var.*' read 'var.'
908	10760	7	for '2*N*' read '2*n*'
922	10831	2	for '***Cajanas***' read '***Cajanus***'
923	10848	7	for '*alexandrium*' read '*alexandrinum*'
929	10920	8	for '*Duhamelianum*' read '*duhamelianum*'
930	10933	9	for '*diococcum*' read '*dicoccum*'
938	11026	12	for '*kuprianovii*' read '*kuprijanovii*'
948	11127		transfer to RYE section, pp. 936-940
953	11185		transfer to VEGETABLES section, cucurbits, pp. 985-986
953	11186		transfer to VEGETABLES section, cucurbits, pp. 985-986
953	11190	10	for '*amphidiploids*' read 'amphidiploids'
956	11222	1	for '*ucundus*' read '*iucundus*'
956	11222	13	for '*Glomorella*' read '*Glomerella*'
970	11376	17	for '*berkleyi*' read '*berkeleyi*'
971	11403	3	for '*Laspevresia*' read '*Laspeyresia*'
971	11403	3	for '**Render**' read '**Rehder**'
976	11466	9	for '*macrocarpu*' read '*macrocarpum*'
976	11466	11	for '*siberica*' read '*sibericum*'
983	11551	6	for 'Bombey' read 'Bambey'
992	11660		transfer to PULSES section, *Vigna*, p. 990
995	11686	3	for 'fist' read 'first'

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